

The recent action by FCC saying the burden of reducing interference from BPL will be taken by the power company provider does not adequately address the issue that power lines are unsuited to be RF transmission lines; leading to mismatch incidental radiation, and leading to propagation of widespread area interference to licensed radio services in the same spectrum. BPL should be limited to frequencies not used by licensed Radio Services, and modes least likely to raise the noise floor of the spectrum. To leave it up to consumers and vendors of the service begs adequate resolution of technical issues that have been glossed over in a rush to authorize BPL service. BPL cannot justify itself as a rural broadband offering as it will have need for expensive repeaters and infrastructure added to power lines. Already the advertised prices for BPL roll outs are equal or greater to existing broadband offerings of the cable or DSL providers. There are serious implications to HF licensed users, and threats to Homeland Defense by authorizing an unlicensed and unproven RF emitter being widely disseminated and utilizing a radiating cable that would promote RFI. What if the overseas HF radio traffic of an airliner is blocked by BPL radiation from power lines near its path? What if a crash is induced by incidental BPL radiation? What if the EBS signal of a local FM radio station is blocked by BPL radiators in the neighborhood facing a tornado approach? BPL is not ready for consumer sale, and adequate interference studies have NOT been done. No further authorization of commercial BPL should be allowed over power lines. An independent government study of BPL RFI potential should be completed; not just rely on the vested interests selling BPL equipment and service and Power line access. I would urge the commission to ponder these points and return a reasoned engineering reconsideration of a flawed technology, BPL. Thank you.